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EUROTRUSS

EUROTRUSS AUSTRALIAN RENTAL RANGE OF PRODUCTS

TTS



Metric loading charts

Span*	UDL		CPL		1/3 Point Load		1/4 Point Load		1/5 Point Load	
	kg/m	mm**	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
12	957	28	7412	29	5559	36	3706	34	2870	33
18	531	80	4781	65	3586	82	2390	77	1992	81
24	285	143	3417	118	2563	146	1708	137	1424	144
30	171	225	2560	188	1920	230	1280	216	1067	226
36	109	327	1957	278	1468	332	978	315	815	329
42	71	449	1498	389	1124	456	749	434	624	451

* in meters / ** mm is the deflection of the truss at the given load

The TTS is the stronger version of the TT pre rig truss by upgrading the main tube from 60mm to 100mm (from 2,36 inch upgrade to 3,94 inch and power up the connector but maintain the same design...

[VIEW DETAILS](#)

Central tube - Metric loading charts

Span m	UDL		CPL		1/3 Point load		1/4 Point load		1/5 Point load	
	kg/m	mm	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (3x)	mm
4	812	5,4	540	*	540	*	540	*	540	*
5	648	10,6	540	*	540	*	540	*	540	*
6	538	18,3	540	*	540	*	540	*	540	*
7	367**	23,3	540	*	540	*	540	*	531**	23,3
8	242**	26,7	540	*	540	*	510**	26,7	400**	26,7
9	167**	30	540	*	540	*	395**	30	310**	30
10	119**	33,3	540	*	434*	33,3	312**	33,3	245**	33,3
11	86**	36,7	540	*	348*	36,6	250**	36,7	196**	36,6
12	64**	40	478**	39,9	281*	40	202**	40	158**	40
13	48**	43,3	388**	43,3	228*	43,3	164**	43,4	128**	43,3
14	36**	46,7	315**	46,6	185*	46,6	133**	46,7	104**	46,6
16	20**	53,3	204**	53,2	120*	53,3	86**	53,2	68**	53,3
18	11**	60,1	124**	59,9	73*	60	52**	60	41**	60

*load on center tube limited

**load is limited by allowable minimal deflection, the deflection of the truss has an important role when rigging on LED screen to the truss. The number with the lowers deflection on (L/300) was used for the center tube)

HDX45 is a square truss based on the "Eurotruss original" HD44 Truss, are you having issues with placing loads like LED screens, lighting fixtures, or decor on a central position of the truss? Then look no further. HDX45 is the best solution!

[VIEW DETAILS](#)

HD44



Metric loading charts

Span*	UDL		CPL		1/3 Point Load		1/4 Point Load		1/5 Point Load	
	kg/m	mm**	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
6	459	20	1625	19	1071	21	821	23	684	24
9	239	54	1075	44	807	55	538	51	448	55
12	131	96	787	78	590	98	394	92	328	97
14	94	131	661	107	496	134	330	125	275	132
16	71	172	564	141	423	176	282	164	235	173
18	54	218	488	181	366	223	244	209	203	220

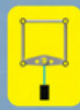
* in meters / ** mm is the deflection of the truss at the given load

HD44 with excellent load capacity on free spans of 18m (59 feet) or to be used as tower elements with an extra welded climbing brace on one side (TD44). HD44 is using the 3mm wall thickness in the maintube which assures durability and extra strength.

[VIEW DETAILS](#)

EUROTRUSS AUSTRALIAN RENTAL RANGE OF PRODUCTS

Central tube - Metric loading charts



Span m	UDL		CPL		1/3 Point load		1/4 Point load		1/5 Point load	
	kg/m	mm	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (3x)	mm
4	563,0	8,0	650	*	650	*	650	*	562,6	9,6
5	448,0	15,6	650	*	650	*	633**	16,7	497**	16,7
6	273**	20,0	650	*	602**	20,0	432**	20,0	339**	20,0
7	168**	23,3	650	*	431**	23,3	309**	23,3	243**	23,3
8	109**	26,7	545**	26,7	320**	26,7	229**	26,7	180**	26,7
9	73**	30,0	411**	30,0	241**	30,0	173**	30,0	136**	30,0
10	50**	33,3	314**	33,3	184**	33,3	132**	33,3	104**	33,3
11	35**	36,7	241**	36,7	141**	36,7	101**	36,7	80**	36,7
12	24**	40,0	182**	40,0	107**	40,0	77**	40,0	60**	40,0
13	17**	43,3	136**	43,3	80**	43,3	57**	43,3	45**	43,3
14	11**	46,7	98**	46,7	58**	46,7	41**	46,7	32**	46,7
15	7**	50,0	66**	50,0	38**	50,0	28**	50,0	22**	50,0
16	4**	53,3	38**	53,3	22**	53,3	16**	53,3	13**	53,3

*load on center tube limited

Load is limited by allowable minimal deflection, the deflection of the truss has an important role when rigging an LED screen to the truss. The number with the lowers deflection on (L/300) was used for the center tube

HDX35 is a square truss based on the "Eurotruss original" HD34 Truss, are you having issues with placing loads like LED screens, lighting fixtures, or decor on a central position of the truss? Then look no further. HDX35 is the best solution!

[VIEW DETAILS](#)

Metric loading charts

Span*	UDL		CPL		1/3 Point Load		1/4 Point Load		1/5 Point Load	
	kg/m	mm **	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
6	373	35	1120	28	840	35	560	33	467	35
9	162	78	730	63	547	80	365	74	304	79
12	88	139	530	114	397	142	265	133	221	140
14	63	190	441	156	331	194	221	182	184	192
16	47	249	373	206	280	254	187	239	156	251
18	36	317	319	265	239	323	160	304	133	319

HD34 with excellent load capacity on free spans of 18m (59 feet) or to be used as tower elements, HD34 is using the 3mm wall thickness in the maintube which assures durability and extra strength.

[VIEW DETAILS](#)

Metric loading charts

Span*	UDL		CPL		1/3 Point Load		1/4 Point Load		1/5 Point Load	
	kg/m	mm **	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
3	653	7	980	6	735	8	490	7	408	7
5	232	21	580	17	425	21	290	20	242	21
8	88	53	350	43	263	54	175	51	146	53
11	44	101	242	83	181	103	121	96	101	101
14	25	164	176	138	132	167	88	158	73	167
16	18	216	149	183	108	220	72	208	60	217

* in meters / ** mm is the deflection of the truss at the given load

HD33, the triangular truss with equilateral profile geometry for larger loads. The HD33 straight elements lend themselves perfectly for making bending stress resistant spans up to 16 meters (53 feet). Designed for high frequency usage or installations, which demands higher loading.

[VIEW DETAILS](#)

HDX35

HD34

HD33

EUOTRUS AUSTRALIAN RENTAL RANGE OF PRODUCTS

Metric loading charts

Span*	UDL		CPL		1/3 Point Load		1/4 Point Load		1/5 Point Load	
	kg/m	mm**	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
2	569	1	854	1	569	2	379	2	285	2
3	283	10	831	12	481	12	373	13	277	12
4	187	35	560	28	416	35	280	33	233	35
6	103	62	414	50	310	63	207	59	172	62
8	81	78	364	63	273	80	182	74	152	79
10	65	97	325	78	243	99	162	92	135	97

These values are usable for a lateral supported main tube. To reach full load capacity the maximum distance without lateral stabilization is: 1200 mm.
* in meters / ** mm is the deflection of the truss at the given load

The HD32 Ladder truss, a truss for vertical and horizontal rigs, this truss made out of two main tubes combined with the eurotruss bracing pattern is already a great start.

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AUSTRALIAN EUOTRUS RENTAL NETWORK





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